

A homonym of *Leptocleidus* Andrews, 1922

(Sarcopterygia, Plesiosauria, Leptocleidoidea, Leptocleididae) and a replacement name for *Leptocleidus* Mueller 1936 (Platyhelminthes, Monogenea).

Leptocleidus Andrews 1922 is an iconic plesiosaurian which is known from the Early Cretaceous of the United Kingdom, South Africa and Australia and is the root genus of the monophyletic family-level clade Leptocleididae (White 1940), as well as the superfamily-level clade Leptocleidoidea (Druckenmiller & Russell 2008) and the rank free higher clade Leptocleidia (Ketchum & Benson 2009). Andrews erected the genus on *L. superstes*, from the Wealden Clay of the United Kingdom.

Independently Mueller (1936) erected *Leptocleidus* upon the *L. megalonchus* for a taxon of platyhelminth flatworm. Shortly after its designation *Leptocleidus* Muller was synonymised with *Cleulodiscus* Muller 1934 by Mizelle & Hughes (1938) and later with *Urocleidus* Mueller 1936 by Price (1968). This nomenclatural arrangement was utilised until *Leptocleidus* Mueller was resurrected by Sullivan et al. (1978), who asserted its place as an independent genus.

Leptocleidus Mueller is invalid as the name is preoccupied and a new name must be chosen for the genus. We here designate *Muellerocleidus* gen. nov. as a replacement name for *Leptocleidus* Mueller 1936. The name honours Justus F. Mueller.

This new name eliminates the homonym and any confusion between the nomenclature of a Cretaceous plesiosaur and a modern platyhelminth.

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- Alex G. Cook, Queensland Museum, Geosciences, 122 Gerler Rd, Hendra, Qld 4011 Australia & Colin R. McHenry, School of Engineering, University of Newcastle, University Drive, Callaghan, NSW, 2308, Australia. 4 December 2009.